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Assignment - 4
simple lineor regression.
  Sampleli) Ma yb
        7.1 139
Step-1: Read dataset, 1=0.01, ephochs=1, m=1, c
Step 2: set iteration =1
step 3: set sample i=1
Stepa : K= mx+c
     2=0)(1.00)-1=6-6
Step 5: E = 1 (5) = maia c) 2
      E-7 (187-01)(1-6) - (-1))
      = 22620.16 = 11310.08
Stebe: - 95 = - (2,0-wx,0-c) sig
             = - (157 - 6.6)(7-6) = -1123.04
     35 = -(21, -war, -c) = -(12, -6.6) = -120.4
 stept: 0m=-n 2= -(0.01)(-1143.00)
              = 11,4304
         DC = -196 = -(0-1)(-120.4) = 1.2004
Step-8: m= m-om =-1-114 300gt = 146-304
            e= c-oc =-1+1-504 = 0-504
Step9 : Sample is is1 = 2 8 1 = ns 7 - step @
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step-1=(12.5304)(7.1) -10-504
         = 7= 89.069
Sdep-5: E= 1 (174-89°46)2
           110- 4017 =
Step-6: 2= -(174-(12-5304)(7.1)-(0.200))2.)
            = 600.104
    9E = 600180
Step-7: 0m=-n 26 = - (0.01) (600, 160)
         2 - (0.01) (71ce7.011)
          - -710at
          Stop 8:- 12. 4304 + (-71.at) = -58. 9796
          c=0.2000 + (-6.001) -- -28-9446
Step 9: - Sample 12141 = 241=3 13 = nos 7 > next
step
step-101 itex= itex= (1 = 1+1=5 itex > ebocks
Ste8 112 7706.
                             T-> nent step
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